

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTASXS1656

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 DEC 01 ChemPort single article sales feature unavailable  
NEWS 3 JAN 06 The retention policy for unread STNmail messages  
will change in 2009 for STN-Columbus and STN-Tokyo  
NEWS 4 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent  
Classification Data  
NEWS 5 FEB 02 Simultaneous left and right truncation (SLART) added  
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE  
NEWS 6 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING  
NEWS 7 FEB 06 Patent sequence location (PSL) data added to USGENE  
NEWS 8 FEB 10 COMPENDEX reloaded and enhanced  
NEWS 9 FEB 11 WTEXTILES reloaded and enhanced  
NEWS 10 FEB 19 New patent-examiner citations in 300,000 CA/CAplus  
patent records provide insights into related prior  
art  
NEWS 11 FEB 19 Increase the precision of your patent queries -- use  
terms from the IPC Thesaurus, Version 2009.01  
NEWS 12 FEB 23 Several formats for image display and print options  
discontinued in USPATFULL and USPAT2  
NEWS 13 FEB 23 MEDLINE now offers more precise author group fields  
and 2009 MeSH terms  
NEWS 14 FEB 23 TOXCENTER updates mirror those of MEDLINE - more  
precise author group fields and 2009 MeSH terms  
NEWS 15 FEB 23 Three million new patent records blast AEROSPACE into  
STN patent clusters  
NEWS 16 FEB 25 USGENE enhanced with patent family and legal status  
display data from INPADOCDB  
NEWS 17 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display  
formats  
NEWS 18 MAR 11 EPFULL backfile enhanced with additional full-text  
applications and grants  
NEWS 19 MAR 11 ESBIOBASE reloaded and enhanced  
NEWS 20 MAR 20 CAS databases on STN enhanced with new super role  
for nanomaterial substances  
NEWS 21 MAR 23 CA/CAplus enhanced with more than 250,000 patent  
equivalents from China  
NEWS 22 MAR 30 IMSPATENTS reloaded and enhanced  
NEWS 23 APR 03 CAS coverage of exemplified prophetic substances  
enhanced  
NEWS 24 APR 07 STN is raising the limits on saved answers

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:30:24 ON 14 APR 2009

=> File Medline EMBASE Biosis Caplus  
COST IN U.S. DOLLARS

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 18:30:39 ON 14 APR 2009

FILE 'EMBASE' ENTERED AT 18:30:39 ON 14 APR 2009  
Copyright (c) 2009 Elsevier B.V. All rights reserved.

FILE 'BIOSIS' ENTERED AT 18:30:39 ON 14 APR 2009  
Copyright (c) 2009 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 18:30:39 ON 14 APR 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> S Arthrobacter (4A) (10192 or KNK1101J)  
L1 1 ARTHROBACTER (4A) (10192 OR KNK1101J)

=> d 11 bib ab

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
AN 2005:823826 CAPLUS  
DN 143:224919  
TI D-Amidase from Arthrobacter that stereoselectively hydrolyze amino acid amides, and gene cloning  
IN Yanagisawa, Satohiro; Ueda, Makoto; Nanba, Hirokazu  
PA Kaneka Corporation, Japan  
SO PCT Int. Appl., 26 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075650	A1	20050818	WO 2005-JP951	20050126
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
MR, NE, SN, TD, TG

EP 1712627 A1 20061018 EP 2005-704094 20050126  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS

PRAI JP 2004-28041 A 20040204  
WO 2005-JP951 W 20050126

AB The present invention provides a novel amidase useful in producing an optically active amino acid, in particular, a D-amino acid and a process for producing the same. Namely, a novel D-amidase isolated and purified from Arthrobacter sp. KNK1101J strain; encoding gene, and recombinant expression in microbe; are provided. D-Amidase isolated and purified from Arthrobacter sp. KNK1101J strain was used to hydrolyze amino acid amides, D,L-phenylalanine amide hydrochloride, D,L-leucine amide hydrochloride. Racemic phenylalanine Et ester was hydrolyzed to produce D-phenylalanine with 29.7 mol% yield and 72.8% e.e. A gene encoding the D-amidase was cloned and expressed in Escherichia coli. The recombinant amidase hydrolyzed racemic phenylalanine Et ester to produce D-phenylalanine with 34.7 mol% yield and 53.6% e.e.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT